

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-256434
(43)Date of publication of application : 13.09.1994

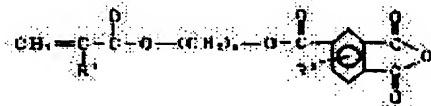
(51)Int.Cl. C08F265/06
C08F 2/44
C08F220/26
C12N 11/08
B02F 1/1333
B03F 7/027

(21)Application number : 05-075230 (71)Applicant : MITSUI PETROCHEM IND LTD
(22)Date of filing : 09.03.1993 (72)Inventor : MIYAKOSHI TERUICHI
INOUE TAKASHI
SHIMONO MASAKI

(54) POROUS BODY, POROUS CARRIER MADE OF POROUS THE BODY, MATERIAL WITH IMMOBILIZING FUNCTION AND MADE USING THE POROUS CARRIER, THEIR PRODUCTION, AND COMPOSITION FOR PRODUCING POROUS BODY

(57)Abstract:

PURPOSE: To obtain a porous body which is useful as a carrier suitable for immobilizing a functional substance by copolymerizing a specific (meth)acrylic ester (deriv.) with a specific (meth)acrylate and forming pores on the surface of and/or inside the resulting copolymer.



CONSTITUTION: A porous body is obt.d. by copolymerizing at least one (meth) acrylic ester (deriv.) having an acid anhydride group and selected from compds. of formulae I and II (wherein (n) is 2-6; R1 is H or 1-4C alkyl; R2 is R1 or carboxyl; and each R3 is independently R1 provided when one of R3's is alkyl, then the other is H) with a 1-4C alkyl (meth)acrylate (e.g. methyl methacrylate) in the presence of a polyalkyl (meth)acrylate derived from a 1-4C alkyl (meth) acrylate and forming pores with a diameter of 1-20μm on the surface of and/or inside the resulting copolymer.

